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(21) International Application Number: PCT/FI00/00221 (22) International Filing Date: 17 March 2000 (17.03.00) (30) Priority Data: 990613 18 March 1999 (18.03.99) FI (71) Applicant (for all designated States except US): NEXTROM HOLDING S.A. [CH/CH]; Route Du Bois 37, CH-1024 Ecublens (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): HARLIN, Ali [FI/FI]; Kärppärinne 1, FIN-01450 Vantaa (FI). HIRVENSALO, Matti [FI/FI]; Harjuviita 2 A 12, FIN-02110 Espoo (FI). (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).		(81) Designated States: AE, AG, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, DZ, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR (Utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PROCESS FOR PRODUCING A CROSS-LINKED POLYMER PRODUCT		
(57) Abstract <p>The invention relates to a process for producing a polymer product cross-linked by silane where a polymer, a grafting agent, an initiator and a cross-linking catalyst and possible additives are fed into an extruder and extruded, whereafter the grafted material obtained is cross-linked using water and the catalyst for obtaining a cross-linked polymer product. According to the process the grafting degree of the grafted material is determined using an on line method and based upon the result obtained the amounts of the components to be fed into the extruder are continuously adjusted in order to obtain the desired grafting degree.</p>		

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 00/00221

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C08F 255/00, B29C 47/92

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C08F, B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2202537 A (BICC PUBLIC LIMITED COMPANY), 28 Sept 1988 (28.09.88), page 2, line 5 - line 13, abstract, claims --	1-12
A	US 4370450 A (U. GRIGO ET AL), 25 January 1983 (25.01.83), column 5, line 26 - line 29; column 7, line 25 - line 45, claims --	1-12
A	US 4448736 A (D.B. EMERY ET AL), 15 May 1984 (15.05.84), column 1, line 7 - line 19; column 3, line 40 - line 59, abstract, claims --	1-12

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4117195 A (P. SWARBRICK ET AL), 26 Sept 1978 (26.09.78) -----	1-12

INTERNATIONAL SEARCH REPORT
Information on patent family members

02/12/99

International application No.

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